

Replacement Sheet
sheet 1 of 9
Appl. No. 10/647,526; Filed: Aug 26, 2003
Dkt No. 1875.4250000; Group Unit: 2185
Inventor: Tak K. LEE
Tel. No.: 202-371-2600
For: System and Method for Interleaving Data in a
Communications Device

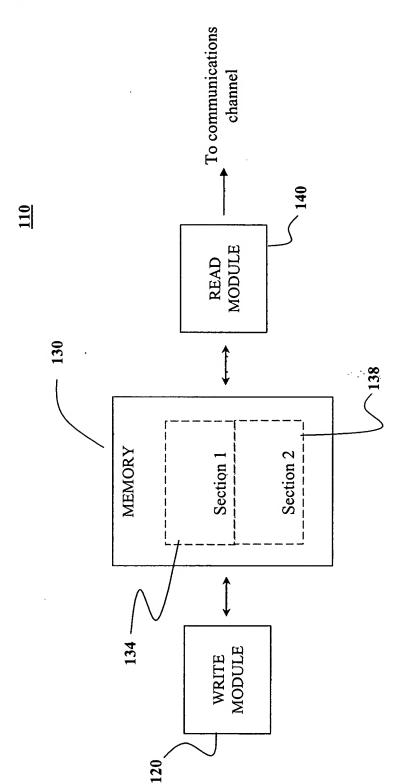
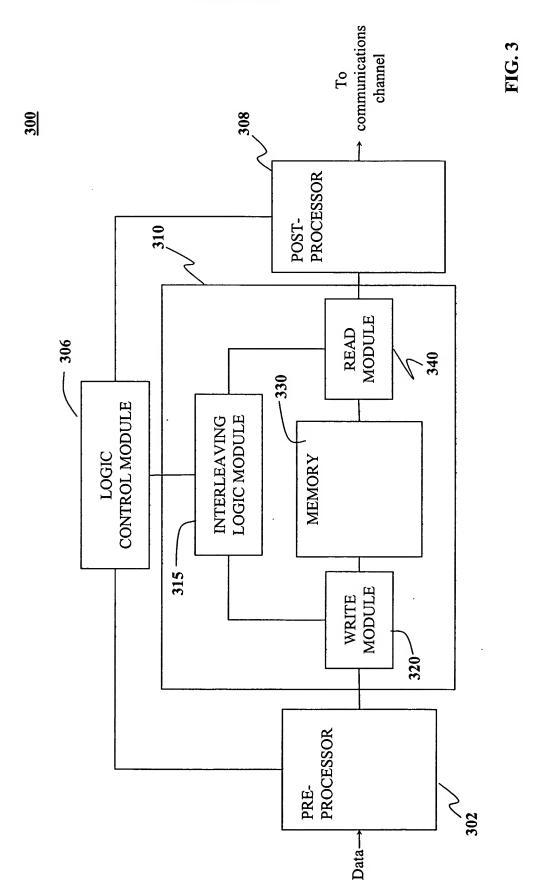


FIG. 1 RELATED ART

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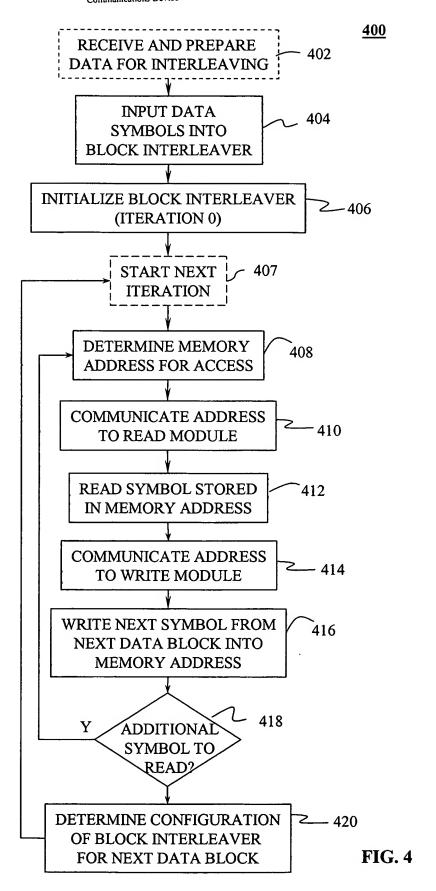
 X_{2N} $X_{\mathsf{M}k}$ \mathbf{X}_{1k} $X_{2k} \\$ X_{22} X_{21}

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A ₀	A_1	A_2	0
A_3	A ₄	A_5	0
0	0	0	0

FIG. 5

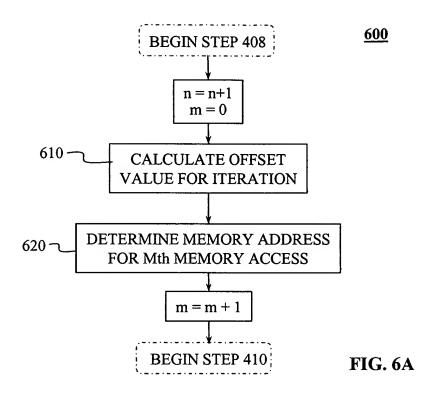
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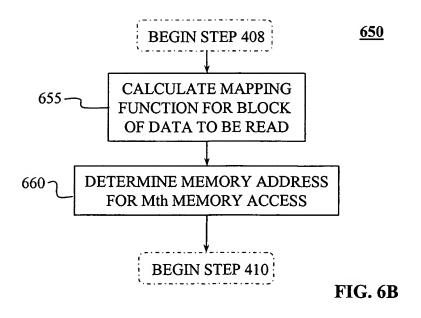
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<u>730</u>

0	1	2	3
A ₀	A ₁	A ₂	A ₃
4	5	6	7
A ₄	A ₅	A ₆	A ₇
8	9	10	11
A ₈	A ₉	A ₁₀	A ₁₁

FIG. 7A

<u>730</u>

0	B ₃	2	3
B ₀		B ₆	B ₉
4	5	6	7
B ₁	B ₄	B ₇	B ₁₀
8	9	10 _. B ₈	11
B ₂	B ₅		B ₁₁

FIG. 7B

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<u>730</u>

o Co	1 C ₉	² C ₇	C ₅
4	5	6	7
C ₃	C ₁	C ₁₀	C ₈
8	9	10 C ₂	11
C ₆	C ₄		C ₁₁

FIG. 7C

<u>730</u>

0	1	2	3
D ₀	D ₇	D ₃	D ₁₀
4	5	6	7
D ₆	D ₂	D ₉	D ₅
8 D ₁	9	10	11
	D ₈	D ₄	D ₁₁

FIG. 7D

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